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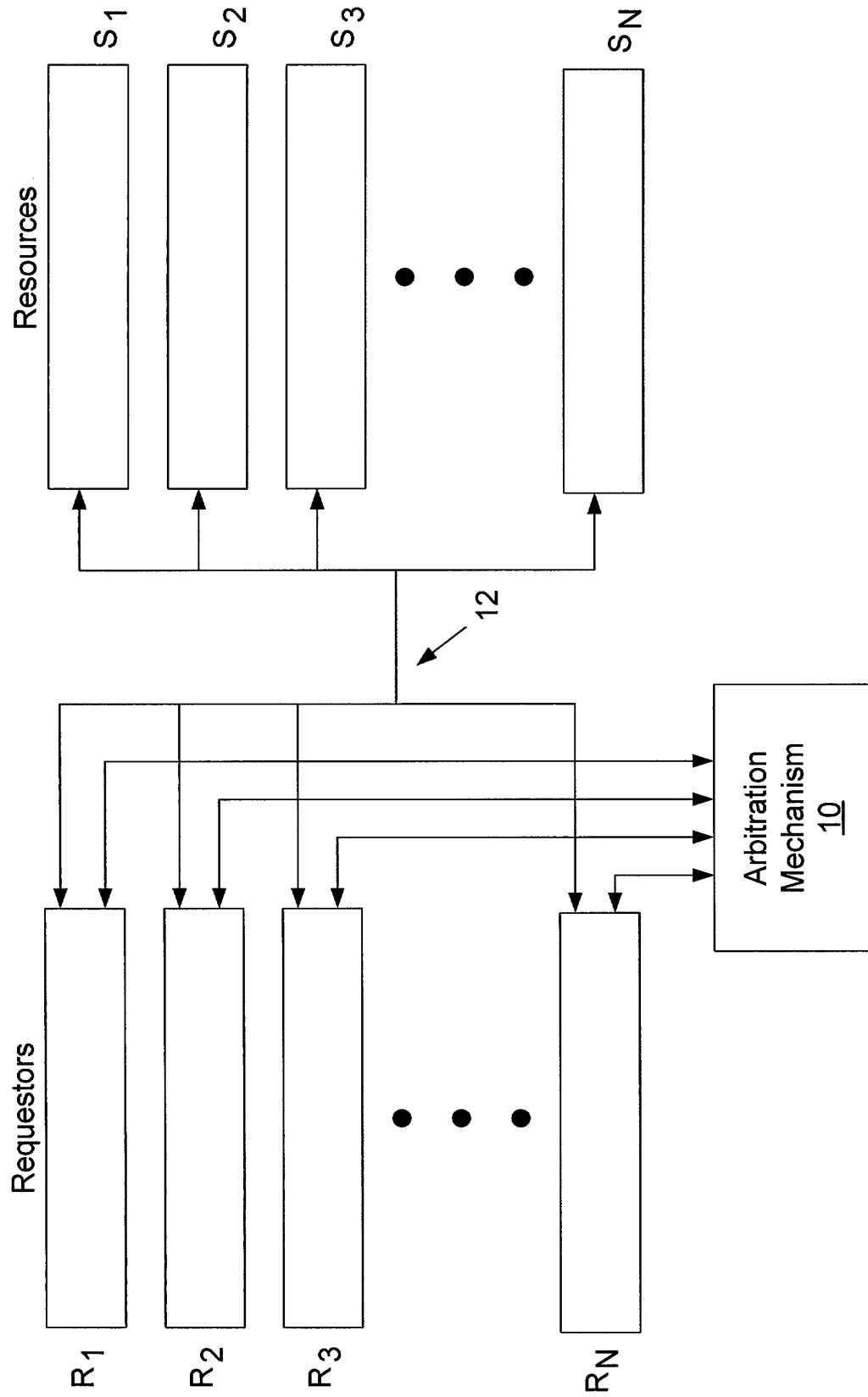
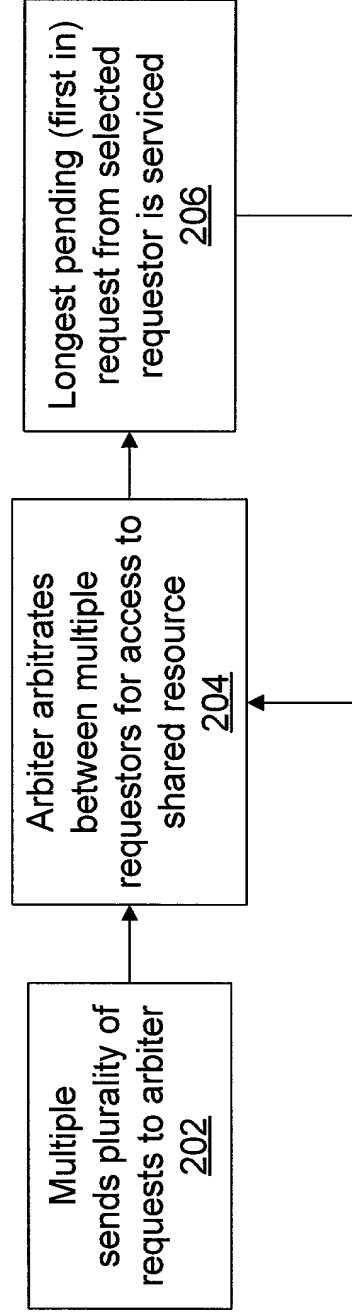


FIG. 1
(Background Art)

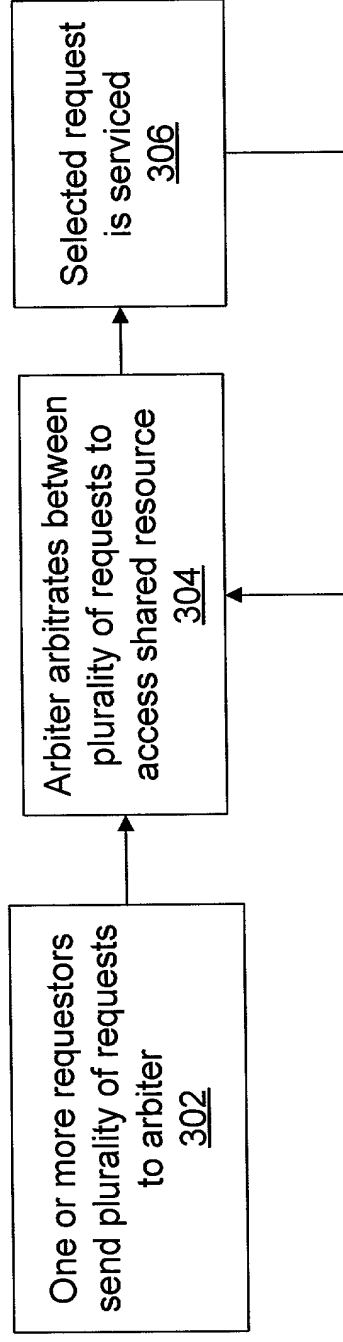
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200

FIG. 2
(Background Art)

FIG. 3 is a block diagram of a system 300 for arbitrating requests to a shared resource. The system 300 includes one or more requestors 302, an arbiter 304, and a resource 306. The requestors 302 send a plurality of requests to the arbiter 304. The arbiter 304 arbitrates between the plurality of requests to access the shared resource 306. A selected request is serviced by the resource 306. The resource 306 provides feedback to the arbiter 304.



300

FIG. 3

FIG. 4 is a block diagram of a request arbitration system 400. The system includes an identifier tag 402 associated with each request, one or more requestors 302 sending requests to an arbiter 304, and an associated identifier tag 404 sent to the arbiter along with each request. The arbiter 304 arbitrates between requests to access shared resources 306, and a selected request 306 is serviced using the shared resource. The identifier tag 406 is sent to the requestor, and the requestor uses the tag and strobe to determine the selected request (possibly out of FIFO order) 408.

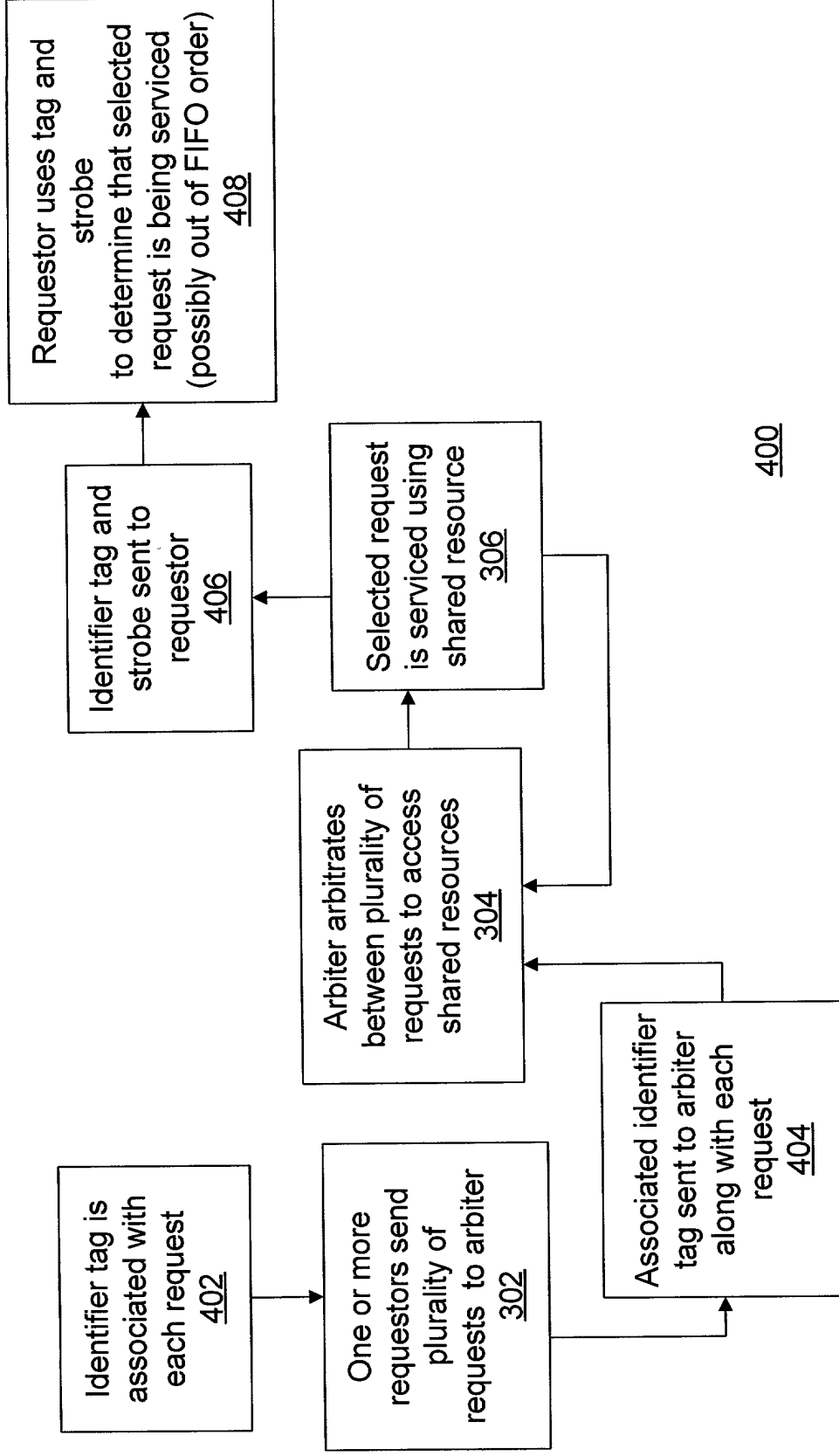


FIG. 4

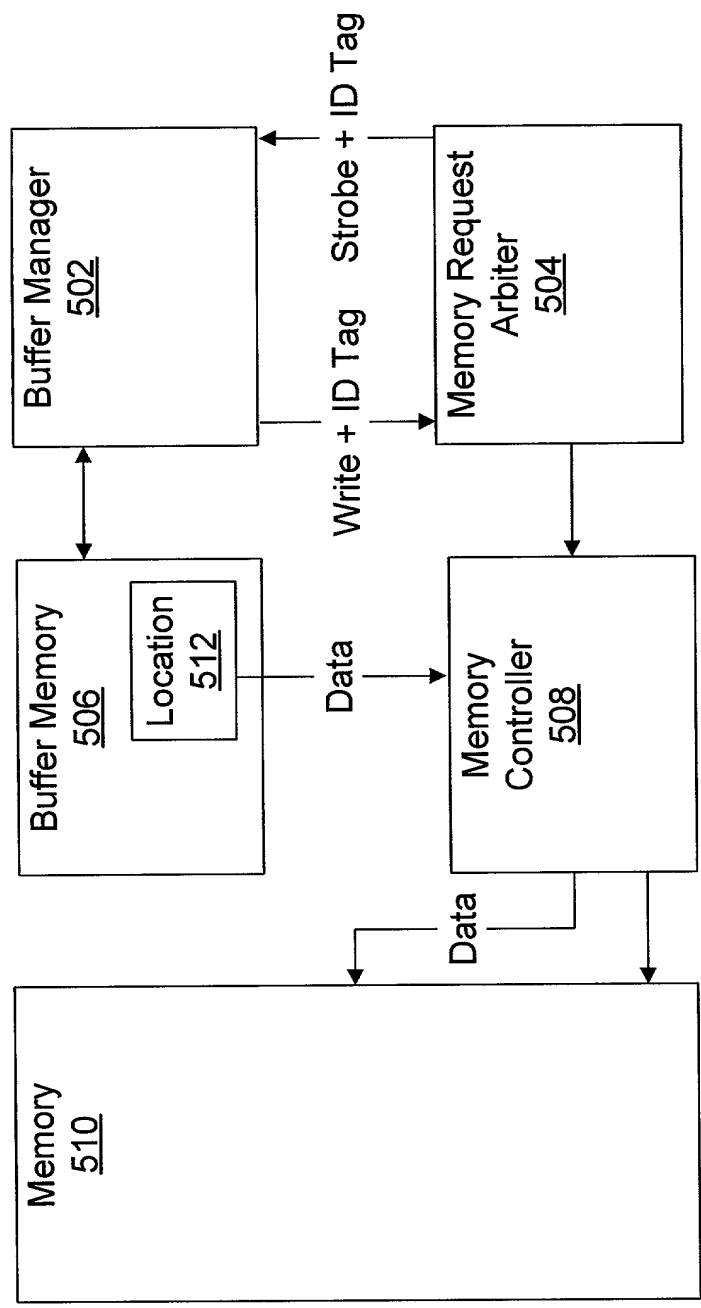
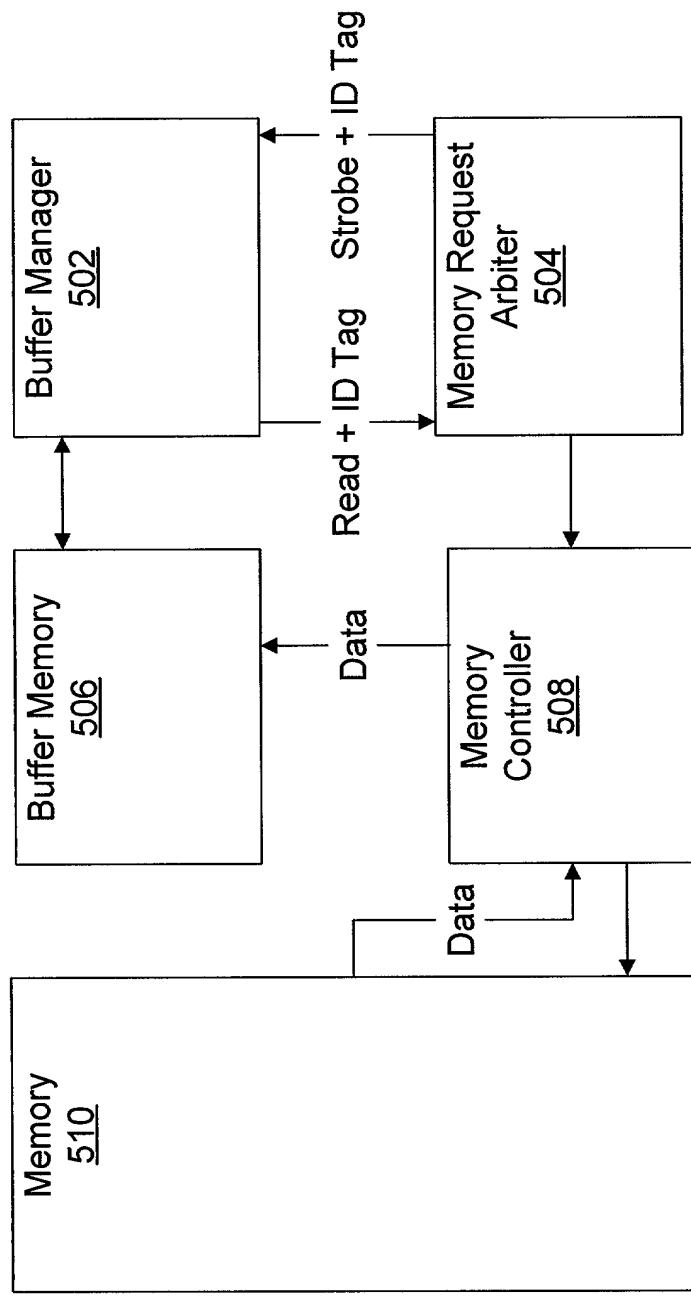


FIG. 5A



500

FIG. 5B